

## WEST Search History





DATE: Monday, March 29, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L9	L8 and (((translat\$5 or moving or moved or move or carr\$4 or brought) with (imag\$4 or scan\$5 or conduct\$4 or perform\$4))	6
<input type="checkbox"/>	L8	L7 and (((adjust\$4 or control\$4 or modif\$9 or alter\$5 or chang\$4 or vary\$4 or var\$3) with ((center or central or mid or middle) with frequency)) with (rate or speed or movement or motion or "how fast"))	14
<input type="checkbox"/>	L7	L6 and ((adjust\$4 or control\$4 or modif\$9 or alter\$5 or chang\$4 or vary\$4 or var\$3) with ((center or central or mid or middle) with frequency))	238
<input type="checkbox"/>	L6	L5 and (adjust\$4 or control\$4 or modif\$9 or alter\$5 or chang\$4 or vary\$4 or var\$3)	912
<input type="checkbox"/>	L5	L4 and (rate or speed or movement or motion or "how fast")	915
<input type="checkbox"/>	L4	L3 and (gantry or support or bed or table or stretcher or carrier or platform)	1128
<input type="checkbox"/>	L3	L2 and (translat\$5 or moving or moved or move or carr\$4 or brought)	1605
<input type="checkbox"/>	L2	L1 and ((center or central or mid or middle) with frequency)	2116
<input type="checkbox"/>	L1	((magnetic adj resonance) or MRI or NMR)	169398

END OF SEARCH HISTORY

## Hit List

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[Generate OACS](#)

Search Results - Record(s) 1 through 14 of 14 returned.

☐ 1. Document ID: US 20040059221 A1

Using default format because multiple data bases are involved.

L8: Entry 1 of 14

File: PGPB

Mar 25, 2004

PGPUB-DOCUMENT-NUMBER: 20040059221

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040059221 A1

TITLE: Ultrasonic imaging system and method

PUBLICATION-DATE: March 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Azuma, Takashi	Kawasaki		JP	
Umemura, Shin-Ichiro	Hachiouji		JP	
Miwa, Yuichi			US	

US-CL-CURRENT: 600/442

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 2. Document ID: US 20040051529 A1

L8: Entry 2 of 14

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051529

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040051529 A1

TITLE: Method and system for extended volume imaging using MRI with parallel reception

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhu, Yudong	Clifton Park	NY	US	
Dumoulin, Charles Lucian	Ballston Lake	NY	US	

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw	Doc
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☐ 3. Document ID: US 20020136691 A1

L8: Entry 3 of 14

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020136691  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020136691 A1

TITLE: Pharmacological evaluation test (PET) in animals for continuous assessment  
of physiological functions

PUBLICATION-DATE: September 26, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Harrison, Paul C.	Naugatuck	CT	US	
Schierok, Hans J.	Warthausen		DE	

US-CL-CURRENT: 424/9.2; 702/19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw	Doc
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☐ 4. Document ID: US 20020115929 A1

L8: Entry 4 of 14

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115929  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020115929 A1

TITLE: Magnetic resonance imaging for a plurality of selective regions set to  
object continuously moved

PUBLICATION-DATE: August 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Machida, Yoshio	Nasu-Gun		JP	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw	Doc
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☐ 5. Document ID: US 6406429 B1

L8: Entry 5 of 14

File: USPT

Jun 18, 2002

US-PAT-NO: 6406429  
DOCUMENT-IDENTIFIER: US 6406429 B1

TITLE: Detection of cystic structures using pulsed ultrasonically induced resonant cavitation

DATE-ISSUED: June 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bar-Cohen; Yoseph	Seal beach	CA		
Kovach; John S.	New York	NY		

US-CL-CURRENT: 600/438

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw De
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☐ 6. Document ID: US 6396268 B1

L8: Entry 6 of 14

File: USPT

May 28, 2002

US-PAT-NO: 6396268  
DOCUMENT-IDENTIFIER: US 6396268 B1

TITLE: Magnetic resonance imaging device having magnetic field disturbance compensation

DATE-ISSUED: May 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hinks; Richard S.	Waukesha	WI		
Mansell; Scott T.	Waterford	WI		
Radziun; Michael J.	Waterford	WI		
Purgill; Dewain A.	Waukesha	WI		
Linz; Anton M.	Mukwonago	WI		
Hallman; Darren L.	Clifton Park	NY		

US-CL-CURRENT: 324/307; 324/300, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw De
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☐ 7. Document ID: US 6194899 B1

L8: Entry 7 of 14

File: USPT

Feb 27, 2001

US-PAT-NO: 6194899  
DOCUMENT-IDENTIFIER: US 6194899 B1

TITLE: Temperature monitoring method, temperature monitoring apparatus and magnetic

resonance apparatus

DATE-ISSUED: February 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishihara; Yasutoshi	Tokyo			JP
Umeda; Masaaki	Kawasaki			JP
Watanabe; Hidehiro	Yokohama			JP
Okamoto; Kazuya	Yono			JP

US-CL-CURRENT: 324/315; 600/412

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 8. Document ID: US 5545993 A

L8: Entry 8 of 14

File: USPT

Aug 13, 1996

US-PAT-NO: 5545993

DOCUMENT-IDENTIFIER: US 5545993 A

TITLE: Method of motion tracking measurement in MR imaging system

DATE-ISSUED: August 13, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Taguchi; Jun'ichi	Sagamihara			JP
Kido; Kunihiro	Yokohama			JP
Sano; Koichi	Yokohama			JP

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 9. Document ID: US 5194809 A

L8: Entry 9 of 14

File: USPT

Mar 16, 1993

US-PAT-NO: 5194809

DOCUMENT-IDENTIFIER: US 5194809 A

TITLE: NMR-scope

DATE-ISSUED: March 16, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lew; Hyok S.	Arvada	CO	80005	

US-CL-CURRENT: 324/309; 324/306

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 10. Document ID: US 4968935 A

L8: Entry 10 of 14

File: USPT

Nov 6, 1990

US-PAT-NO: 4968935

DOCUMENT-IDENTIFIER: US 4968935 A

TITLE: Selective rephasing of NMR signals to suppress motion artifacts

DATE-ISSUED: November 6, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ehman; Richard L.	Rochester	MN		
Felmlee; Joel P.	Rochester	MN		

US-CL-CURRENT: 324/309; 324/306

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 11. Document ID: US 4682106 A

L8: Entry 11 of 14

File: USPT

Jul 21, 1987

US-PAT-NO: 4682106

DOCUMENT-IDENTIFIER: US 4682106 A

TITLE: Methods of, and apparatus for, proton decoupling in nuclear magnetic resonance spectroscopy

DATE-ISSUED: July 21, 1987

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vatis; Dimitrios	Schenectady	NY		
Bottomley; Paul A.	Clifton Park	NY		
Foster; Thomas H.	Schenectady	NY		

US-CL-CURRENT: 324/307; 324/311

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 12. Document ID: US 3722290 A

L8: Entry 12 of 14

File: USPT

Mar 27, 1973

US-PAT-NO: 3722290  
DOCUMENT-IDENTIFIER: US 3722290 A

TITLE: DETECTOR OF DYNAMIC GRAVITATIONAL FORCE GRADIENT FIELDS

DATE-ISSUED: March 27, 1973

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Weber; Joseph	Chevy Chase	MD		
Zipoy; David M.	Takoma Park	MD		

US-CL-CURRENT: 73/382R

Full	Title	Publication	Front	Review	Classification	Date	Reference			Claims	Publ	Drawings
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☐ 13. Document ID: US 3722289 A

L8: Entry 13 of 14

File: USPT

Mar 27, 1973

US-PAT-NO: 3722289  
DOCUMENT-IDENTIFIER: US 3722289 A

TITLE: DETECTOR OF DYNAMIC GRAVITATIONAL FORCE GRADIENT FIELDS

DATE-ISSUED: March 27, 1973

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Weber; Joseph	Chevy Chase	MD		

US-CL-CURRENT:

## Hit List

Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20040059221 A1

Using default format because multiple data bases are involved.

L9: Entry 1 of 6

File: PGPB

Mar 25, 2004

PGPUB-DOCUMENT-NUMBER: 20040059221  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040059221 A1

TITLE: Ultrasonic imaging system and method

PUBLICATION-DATE: March 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Azuma, Takashi	Kawasaki		JP	
Umemura, Shin-Ichiro	Hachiouji		JP	
Miwa, Yuichi			US	

US-CL-CURRENT: 600/442

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 2. Document ID: US 20040051529 A1

L9: Entry 2 of 6

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051529  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040051529 A1

TITLE: Method and system for extended volume imaging using MRI with parallel reception

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhu, Yudong	Clifton Park	NY	US	
Dumoulin, Charles Lucian	Ballston Lake	NY	US	



US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 3. Document ID: US 20020115929 A1

L9: Entry 3 of 6

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115929

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020115929 A1

TITLE: Magnetic resonance imaging for a plurality of selective regions set to  
object continuously moved

PUBLICATION-DATE: August 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Machida, Yoshio	Nasu-Gun		JP	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 4. Document ID: US 6396268 B1

L9: Entry 4 of 6

File: USPT

May 28, 2002

US-PAT-NO: 6396268

DOCUMENT-IDENTIFIER: US 6396268 B1

TITLE: Magnetic resonance imaging device having magnetic field disturbance  
compensation

DATE-ISSUED: May 28, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hinks; Richard S.	Waukesha	WI		
Mansell; Scott T.	Waterford	WI		
Radziun; Michael J.	Waterford	WI		
Purgill; Dewain A.	Waukesha	WI		
Linz; Anton M.	Mukwonago	WI		
Hallman; Darren L.	Clifton Park	NY		

US-CL-CURRENT: 324/307; 324/300, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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5. Document ID: US 5545993 A

L9: Entry 5 of 6

File: USPT

Aug 13, 1996

US-PAT-NO: 5545993

DOCUMENT-IDENTIFIER: US 5545993 A

TITLE: Method of motion tracking measurement in MR imaging system

DATE-ISSUED: August 13, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Taguchi; Jun'ichi	Sagamihara			JP
Kido; Kunihiro	Yokohama			JP
Sano; Koichi	Yokohama			JP

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Index	Draw Ds
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6. Document ID: US 4968935 A

L9: Entry 6 of 6

File: USPT

Nov 6, 1990

US-PAT-NO: 4968935

DOCUMENT-IDENTIFIER: US 4968935 A

TITLE: Selective rephasing of NMR signals to suppress motion artifacts

DATE-ISSUED: November 6, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ehman; Richard L.	Rochester	MN		
Felmlee; Joel P.	Rochester	MN		

US-CL-CURRENT: 324/309; 324/306

Full	Title	Citation	Front	Review	Classification
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## Hit List

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Generate OACS				

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20040051529 A1

Using default format because multiple data bases are involved.

L10: Entry 1 of 1

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051529

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040051529 A1

TITLE: Method and system for extended volume imaging using MRI with parallel reception

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhu, Yudong	Clifton Park	NY	US	
Dumoulin, Charles Lucian	Ballston Lake	NY	US	

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
SUB-IMAG\$4	0
SUB-IMAGE	1459
SUB-IMAGED	1
SUB-IMAGERS	6
SUB-IMAGES	1424
SUB-IMAGESOF	1
SUB-IMAGE1	1
SUB-IMAGE2	1
SUB-IMAGING	20
SUB-IMAGO	1

## Hit List

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[Generate OACS](#)

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20040051529 A1

Using default format because multiple data bases are involved.

L11: Entry 1 of 2

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051529

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040051529 A1

TITLE: Method and system for extended volume imaging using MRI with parallel reception

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhu, Yudong	Clifton Park	NY	US	
Dumoulin, Charles Lucian	Ballston Lake	NY	US	

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 2. Document ID: US 5810728 A

L11: Entry 2 of 2

File: USPT

Sep 22, 1998

US-PAT-NO: 5810728

DOCUMENT-IDENTIFIER: US 5810728 A

TITLE: MR imaging method and apparatus for guiding a catheter

DATE-ISSUED: September 22, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kuhn; Michael H.	Hamburg			DE

US-CL-CURRENT: 600/410; 324/309, 600/420, 600/424

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
SUB-IMAG\$4	0
SUB-IMAGE	1459
SUB-IMAGED	1
SUB-IMAGERS	6
SUB-IMAGES	1424
SUB-IMAGESOF	1
SUB-IMAGE1	1
SUB-IMAGE2	1
SUB-IMAGING	20
SUB-IMAGO	1
SUBIMAG\$4	0
(L7 AND (SUB-IMAG\$4 OR SUBIMAG\$4 OR SUB-ENCOD\$4 OR SUBENCOD\$4)).PGPB,USPT,EPAB,JPAB,DWPI,TDBD.	2

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Search Results - Record(s) 1 through 19 of 19 returned.

☐ 1. Document ID: US 20040051529 A1

Using default format because multiple data bases are involved.

L13: Entry 1 of 19

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051529  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040051529 A1

TITLE: Method and system for extended volume imaging using MRI with parallel reception

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhu, Yudong	Clifton Park	NY	US	
Dumoulin, Charles Lucian	Ballston Lake	NY	US	

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Edition	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20040044280 A1

L13: Entry 2 of 19

File: PGPB

Mar 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040044280  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040044280 A1

TITLE: Methods & apparatus for magnetic resonance imaging

PUBLICATION-DATE: March 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Paley, Martyn	Keighly		GB	
Lee, Kuan	Sheffield		GB	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20040019278 A1

L13: Entry 3 of 19

File: PGPB

Jan 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040019278  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040019278 A1

TITLE: Device and method for mapping and tracking blood flow and determining  
parameters of blood flow

PUBLICATION-DATE: January 29, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Abend, Kenneth			US	

US-CL-CURRENT: 600/454

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 20020175683 A1

L13: Entry 4 of 19

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020175683  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020175683 A1

TITLE: Method for the fast acquisition of a magnetic resonance image

PUBLICATION-DATE: November 28, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mertelmeier, Thomas	Erlangen		DE	
Oppelt, Arnulf	Spardorf		DE	

US-CL-CURRENT: 324/314; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 20020111549 A1

L13: Entry 5 of 19

File: PGPB

Aug 15, 2002

PGPUB-DOCUMENT-NUMBER: 20020111549

PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020111549 A1

TITLE: Method for image generation by magnetic resonance

PUBLICATION-DATE: August 15, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wang, Jianmin	Erlangen		DE	

US-CL-CURRENT: 600/407

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	WWW	Draw D
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☐ 6. Document ID: US 6710686 B2

L13: Entry 6 of 19

File: USPT

Mar 23, 2004

US-PAT-NO: 6710686  
DOCUMENT-IDENTIFIER: US 6710686 B2

TITLE: Method for the fast acquisition of a magnetic resonance image

DATE-ISSUED: March 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mertelmeier; Thomas	Erlangen			DE
Oppelt; Arnulf	Spardorf			DE

US-CL-CURRENT: 324/314

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	WWW	Draw D
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☐ 7. Document ID: US 6682483 B1

L13: Entry 7 of 19

File: USPT

Jan 27, 2004

US-PAT-NO: 6682483  
DOCUMENT-IDENTIFIER: US 6682483 B1

TITLE: Device and method for mapping and tracking blood flow and determining parameters of blood flow

DATE-ISSUED: January 27, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Abend; Kenneth	Huntington Valley	PA		



Attia; Elsayed H.                      Plymouth Meeting                      PA

US-CL-CURRENT: 600/437; 128/916, 600/443

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 8. Document ID: US 6680610 B1

L13: Entry 8 of 19

File: USPT

Jan 20, 2004

US-PAT-NO: 6680610

DOCUMENT-IDENTIFIER: US 6680610 B1

TITLE: Apparatus and method for parallel MR data acquisition and parallel image reconstruction from multiple receiver coil arrays for fast MRI

DATE-ISSUED: January 20, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kyriakos; Walid E.	Brookline	MA	02446	
Kacher; Daniel F.	Allston	MA	02134	

US-CL-CURRENT: 324/307; 324/309, 324/314

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 9. Document ID: US 6650925 B2

L13: Entry 9 of 19

File: USPT

Nov 18, 2003

US-PAT-NO: 6650925

DOCUMENT-IDENTIFIER: US 6650925 B2

TITLE: Method for image generation by magnetic resonance

DATE-ISSUED: November 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wang; Jianmin	Erlangen			DE

US-CL-CURRENT: 600/410; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 10. Document ID: US 6400151 B1

L13: Entry 10 of 19

File: USPT

Jun 4, 2002

US-PAT-NO: 6400151  
DOCUMENT-IDENTIFIER: US 6400151 B1

TITLE: Method and apparatus for the acquisition of data for magnetic resonance  
imaging

DATE-ISSUED: June 4, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Haase; Axel	97222 Rimpf			DE
Jakob; Peter M.	97074 Wurzburg			DE
Hillenbrand; Claudia	97720 Nudlingen			DE
Hahn; Dietbert	97273 Kurnach			DE

US-CL-CURRENT: 324/309; 324/307

Full	Title	Caption	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 11. Document ID: US 6341179 B1

L13: Entry 11 of 19

File: USPT

Jan 22, 2002

US-PAT-NO: 6341179  
DOCUMENT-IDENTIFIER: US 6341179 B1

TITLE: Method and apparatus for imaging artefact reduction

DATE-ISSUED: January 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stoyle; Peter N R	Malvern			GB
Hill; Derek L G	London			GB
Atkinson; David	London			GB

US-CL-CURRENT: 382/254; 382/255

Full	Title	Caption	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 12. Document ID: US 6317619 B1

L13: Entry 12 of 19

File: USPT

Nov 13, 2001

US-PAT-NO: 6317619  
DOCUMENT-IDENTIFIER: US 6317619 B1

TITLE: Apparatus, methods, and devices for magnetic resonance imaging controlled by  
the position of a moveable RF coil

DATE-ISSUED: November 13, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Boernert; Peter	Hamburg			DE
Schaeffter; Tobias Richard	Hamburg			DE
Weiss; Steffen	Hamburg			DE

US-CL-CURRENT: 600/410; 324/307, 324/309, 324/318, 600/422

Full	Title	Chation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw	Doc
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☐ 13. Document ID: US 6289232 B1

L13: Entry 13 of 19

File: USPT

Sep 11, 2001

US-PAT-NO: 6289232

DOCUMENT-IDENTIFIER: US 6289232 B1

TITLE: Coil array autocalibration MR imaging

DATE-ISSUED: September 11, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jakob; Peter M.	Brookline Village	MA		
Sodickson; Daniel K.	Cambridge	MA		
Griswold; Mark	Brookline	MA		

US-CL-CURRENT: 600/410; 324/307, 324/309, 324/318, 324/322, 600/422

Full	Title	Chation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw	Doc
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☐ 14. Document ID: US 6246898 B1

L13: Entry 14 of 19

File: USPT

Jun 12, 2001

US-PAT-NO: 6246898

DOCUMENT-IDENTIFIER: US 6246898 B1

TITLE: Method for carrying out a medical procedure using a three-dimensional tracking and imaging system

DATE-ISSUED: June 12, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vesely; Ivan	Cleveland Heights	OH		
Smith; Wayne	London			CA
Klein; George	London			CA

Burkhoff; Daniel

Tenafly

NJ

US-CL-CURRENT: 600/424; 600/429, 600/439, 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw De
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☐ 15. Document ID: US 6242916 B1

L13: Entry 15 of 19

File: USPT

Jun 5, 2001

US-PAT-NO: 6242916

DOCUMENT-IDENTIFIER: US 6242916 B1

TITLE: Partial fourier acquisition of MR data over a limited field of view and image reconstruction

DATE-ISSUED: June 5, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
King; Kevin F.	New Berlin	WI		

US-CL-CURRENT: 324/309; 324/307, 324/312, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw De
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☐ 16. Document ID: US 5909119 A

L13: Entry 16 of 19

File: USPT

Jun 1, 1999

US-PAT-NO: 5909119

DOCUMENT-IDENTIFIER: US 5909119 A

TITLE: Method and apparatus for providing separate fat and water MRI images in a single acquisition scan

DATE-ISSUED: June 1, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhang; Weiguo	Foster City	CA		
Kramer; David M.	Tiburon	CA		
Goldhaber; David M.	Berkeley	CA		
Yao; Ching	San Carlos	CA		
Chang; Hsu	Fremont	CA		

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw De
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☐ 17. Document ID: US 5810728 A

L13: Entry 17 of 19

File: USPT

Sep 22, 1998

US-PAT-NO: 5810728

DOCUMENT-IDENTIFIER: US 5810728 A

TITLE: MR imaging method and apparatus for guiding a catheter

DATE-ISSUED: September 22, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kuhn; Michael H.	Hamburg			DE

US-CL-CURRENT: 600/410; 324/309, 600/420, 600/424

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWOC	Drawings
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☐ 18. Document ID: US 5742163 A

L13: Entry 18 of 19

File: USPT

Apr 21, 1998

US-PAT-NO: 5742163

DOCUMENT-IDENTIFIER: US 5742163 A

TITLE: Magnetic resonance scan calibration and reconstruction technique for multi-shot, multi-echo imaging

DATE-ISSUED: April 21, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Liu; Haiying	Euclid	OH		
DeMeester; Gordon D.	Wickliffe	OH		
McNally; James M.	Chagrin Falls	OH		

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWOC	Drawings
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☐ 19. Document ID: US 5272437 A

L13: Entry 19 of 19

File: USPT

Dec 21, 1993

US-PAT-NO: 5272437

DOCUMENT-IDENTIFIER: US 5272437 A

TITLE: RF coil system in a magnetic resonance imaging apparatus

DATE-ISSUED: December 21, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wardenier; Peter H.	Eindhoven			NL

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWD	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
CENTER	1569920
CENTRE	390164
CENTRES	32684
CENTERS	163088
CENTRAL	1610294
CENTRALS	208
MID	149311
MIDS	266
MIDDLE	504513
MIDDLES	1540
FREQUENCY	1536259
(L12 AND ((CENTER OR CENTRAL OR MID OR MIDDLE) WITH FREQUENCY)).PGPB,USPT,EPAB,JPAB,DWPI,TDBD.	19

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☐ 1. Document ID: US 20040051529 A1

Using default format because multiple data bases are involved.

L17: Entry 1 of 11

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051529

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040051529 A1

TITLE: Method and system for extended volume imaging using MRI with parallel reception

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhu, Yudong	Clifton Park	NY	US	
Dumoulin, Charles Lucian	Ballston Lake	NY	US	

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20040044280 A1

L17: Entry 2 of 11

File: PGPB

Mar 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040044280

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040044280 A1

TITLE: Methods & apparatus for magnetic resonance imaging

PUBLICATION-DATE: March 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Paley, Martyn	Keighly		GB	
Lee, Kuan	Sheffield		GB	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20040019278 A1

L17: Entry 3 of 11

File: PGPB

Jan 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040019278  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040019278 A1

TITLE: Device and method for mapping and tracking blood flow and determining  
parameters of blood flow

PUBLICATION-DATE: January 29, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Abend, Kenneth			US	

US-CL-CURRENT: 600/454

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 6682483 B1

L17: Entry 4 of 11

File: USPT

Jan 27, 2004

US-PAT-NO: 6682483  
DOCUMENT-IDENTIFIER: US 6682483 B1

TITLE: Device and method for mapping and tracking blood flow and determining  
parameters of blood flow

DATE-ISSUED: January 27, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Abend; Kenneth	Huntington Valley	PA		
Attia; Elsayed H.	Plymouth Meeting	PA		

US-CL-CURRENT: 600/437; 128/916, 600/443

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 6680610 B1

L17: Entry 5 of 11

File: USPT

Jan 20, 2004

US-PAT-NO: 6680610



DOCUMENT-IDENTIFIER: US 6680610 B1

TITLE: Apparatus and method for parallel MR data acquisition and parallel image reconstruction from multiple receiver coil arrays for fast MRI

DATE-ISSUED: January 20, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kyriakos; Walid E.	Brookline	MA	02446	
Kacher; Daniel F.	Allston	MA	02134	

US-CL-CURRENT: 324/307; 324/309, 324/314

Full	Title	Location	Front	Review	Classification	Date	Reference			Claims	KWIC	Drawings
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☐ 6. Document ID: US 6317619 B1

L17: Entry 6 of 11

File: USPT

Nov 13, 2001

US-PAT-NO: 6317619

DOCUMENT-IDENTIFIER: US 6317619 B1

TITLE: Apparatus, methods, and devices for magnetic resonance imaging controlled by the position of a moveable RF coil

DATE-ISSUED: November 13, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Boernert; Peter	Hamburg			DE
Schaeffter; Tobias Richard	Hamburg			DE
Weiss; Steffen	Hamburg			DE

US-CL-CURRENT: 600/410; 324/307, 324/309, 324/318, 600/422

Full	Title	Location	Front	Review	Classification	Date	Reference			Claims	KWIC	Drawings
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☐ 7. Document ID: US 6289232 B1

L17: Entry 7 of 11

File: USPT

Sep 11, 2001

US-PAT-NO: 6289232

DOCUMENT-IDENTIFIER: US 6289232 B1

TITLE: Coil array autocalibration MR imaging

DATE-ISSUED: September 11, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jakob; Peter M.	Brookline Village	MA		
Sodickson; Daniel K.	Cambridge	MA		
Griswold; Mark	Brookline	MA		

US-CL-CURRENT: 600/410; 324/307, 324/309, 324/318, 324/322, 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. D
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☐ 8. Document ID: US 6246898 B1

L17: Entry 8 of 11

File: USPT

Jun 12, 2001

US-PAT-NO: 6246898

DOCUMENT-IDENTIFIER: US 6246898 B1

TITLE: Method for carrying out a medical procedure using a three-dimensional tracking and imaging system

DATE-ISSUED: June 12, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vesely; Ivan	Cleveland Heights	OH		
Smith; Wayne	London			CA
Klein; George	London			CA
Burkhoff; Daniel	Tenafly	NJ		

US-CL-CURRENT: 600/424; 600/429, 600/439, 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. D
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☐ 9. Document ID: US 6242916 B1

L17: Entry 9 of 11

File: USPT

Jun 5, 2001

US-PAT-NO: 6242916

DOCUMENT-IDENTIFIER: US 6242916 B1

TITLE: Partial fourier acquisition of MR data over a limited field of view and image reconstruction

DATE-ISSUED: June 5, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
King; Kevin F.	New Berlin	WI		

US-CL-CURRENT: 324/309; 324/307, 324/312, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 10. Document ID: US 5909119 A

L17: Entry 10 of 11

File: USPT

Jun 1, 1999

US-PAT-NO: 5909119

DOCUMENT-IDENTIFIER: US 5909119 A

TITLE: Method and apparatus for providing separate fat and water MRI images in a single acquisition scan

DATE-ISSUED: June 1, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhang; Weiguo	Foster City	CA		
Kramer; David M.	Tiburon	CA		
Goldhaber; David M.	Berkeley	CA		

## Hit List

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☐ 1. Document ID: US 20040051529 A1

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L18: Entry 1 of 2

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051529

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040051529 A1

TITLE: Method and system for extended volume imaging using MRI with parallel reception

PUBLICATION-DATE: March 18, 2004

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhu, Yudong	Clifton Park	NY	US	
Dumoulin, Charles Lucian	Ballston Lake	NY	US	

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 5810728 A

L18: Entry 2 of 2

File: USPT

Sep 22, 1998

US-PAT-NO: 5810728

DOCUMENT-IDENTIFIER: US 5810728 A

TITLE: MR imaging method and apparatus for guiding a catheter

DATE-ISSUED: September 22, 1998

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kuhn; Michael H.	Hamburg			DE

US-CL-CURRENT: 600/410; 324/309, 600/420, 600/424

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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Term	Documents
CENTER	1569920
CENTRE	390164
CENTRES	32684
CENTERS	163088
CENTRAL	1610294
CENTRALS	208
MID	149311
MIDS	266
MIDDLE	504513
MIDDLES	1540
FREQUENCY	1536259
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☐ 1. Document ID: US 20040051529 A1

Using default format because multiple data bases are involved.

L19: Entry 1 of 1

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051529

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040051529 A1

TITLE: Method and system for extended volume imaging using MRI with parallel reception

PUBLICATION-DATE: March 18, 2004

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY	RULE-47
Zhu, Yudong	Clifton Park	NY	US	
Dumoulin, Charles Lucian	Ballston Lake	NY	US	

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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Term	Documents
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